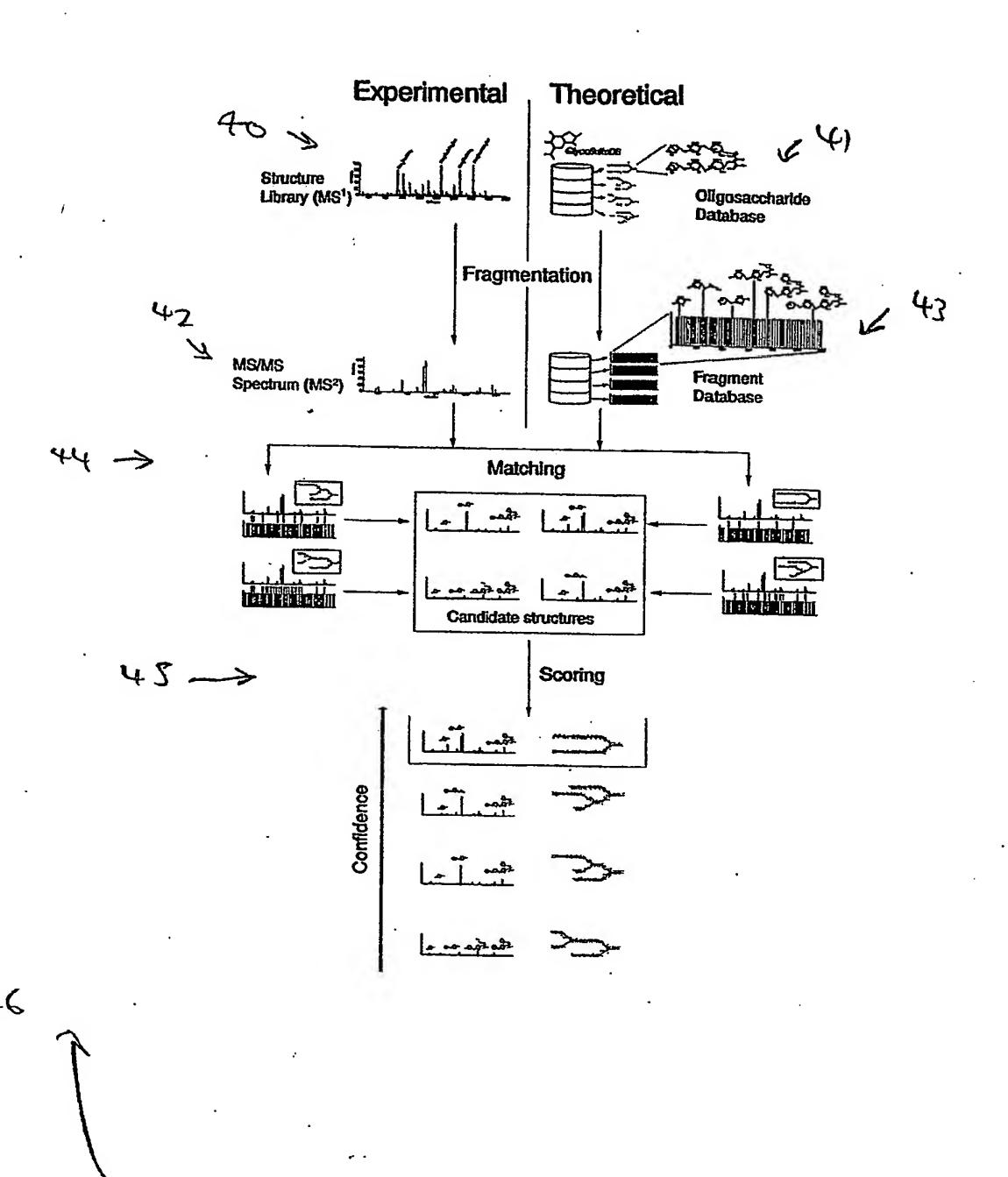


Figure 3;



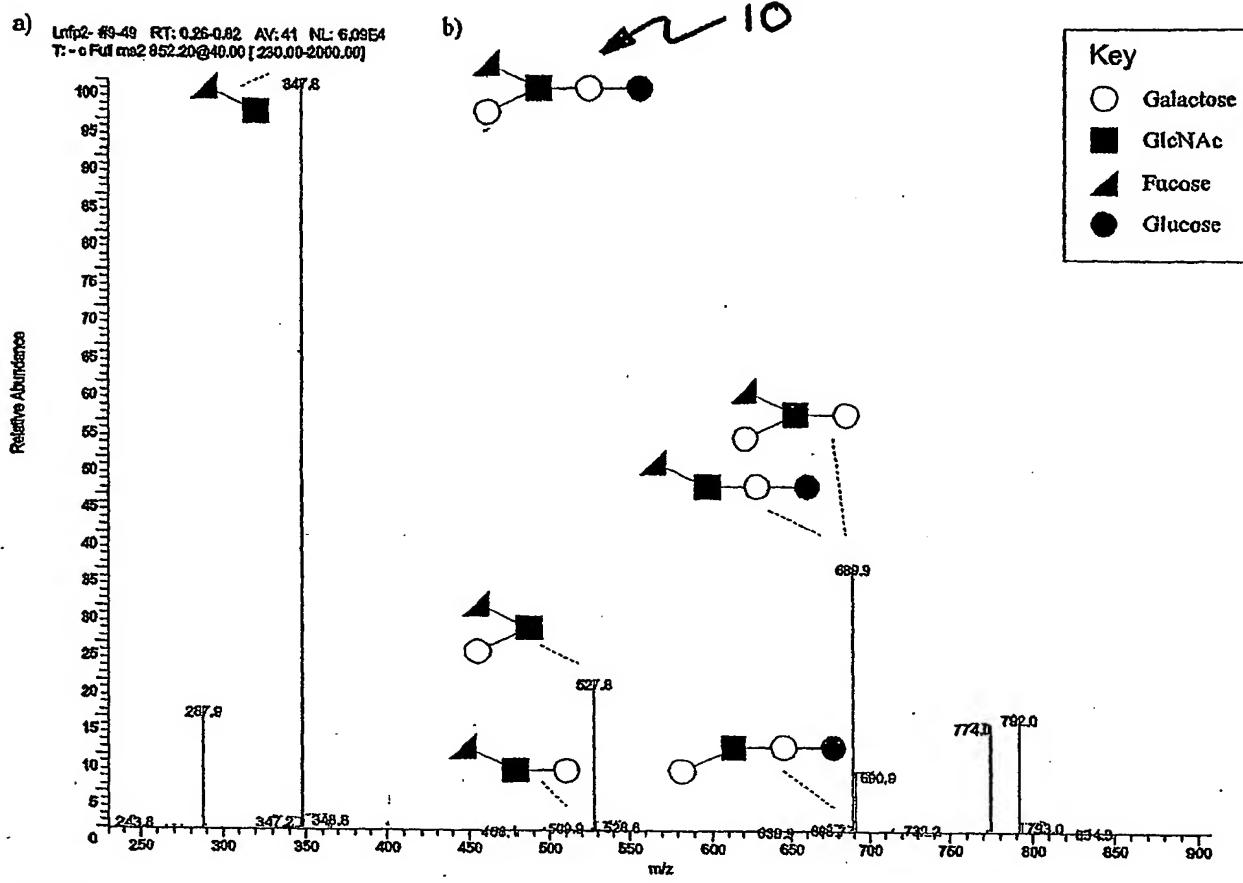


Figure 5 c

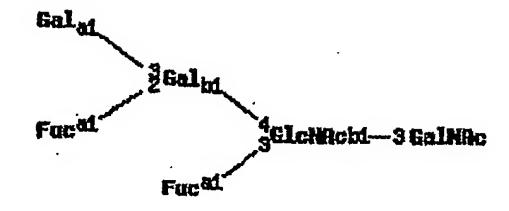


Figure 6 Oligosaccharide structure

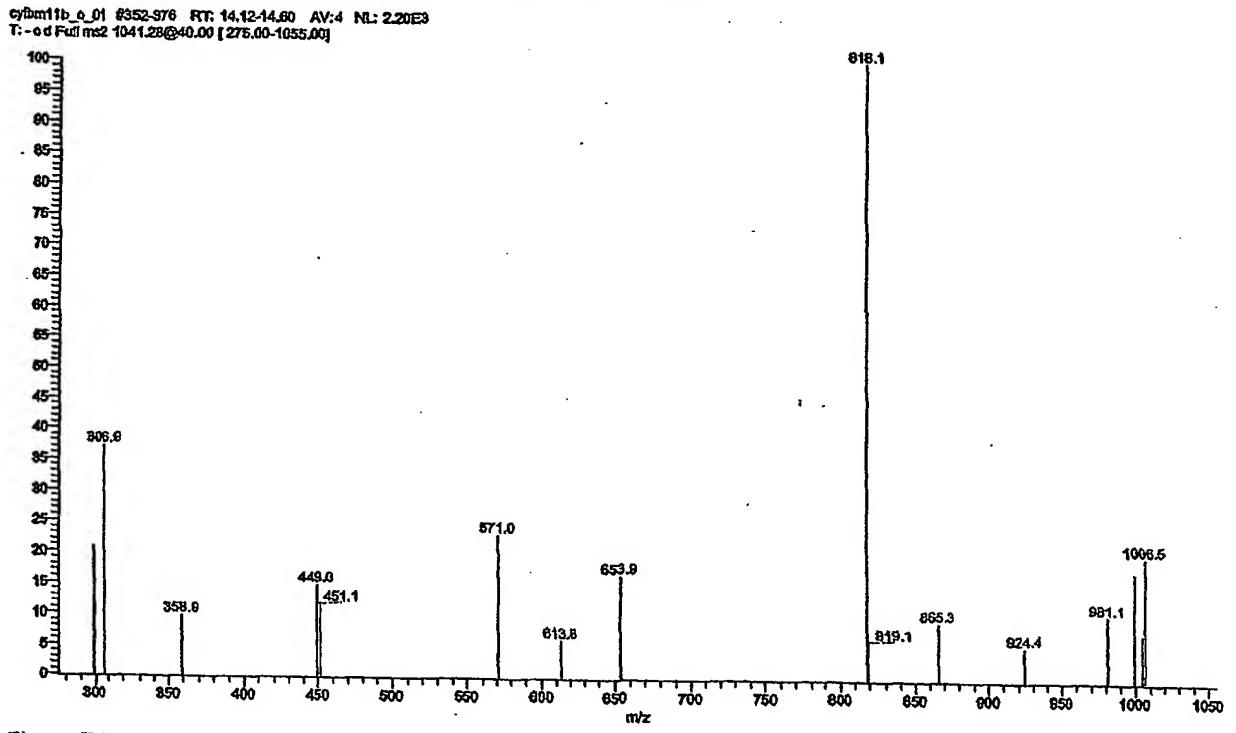


Figure 7 Spectra for oligosaccharide shown in Figure 6

Score	Missed intensities	Grouping score	Structure
.8	. 123.6	5 out of 5 using 4 double fragments	Facal Scalat Scalage Fucation Scalage
.8	156.32	5 out of 5 using 4 double fragments	Gairricat gairric gairric Fucat gairric
.7	141.82	4 out of 5 using 2 double fragments	Fuc _{ai} d Glenrebi —3 Gal bi—3 Galrec Fuc ai—2 Gal ^{bi}
.7	147.65	4 out of 5 using 2 double fragments	Fue at —— 2 Gal bi —— 3 Gal bi —— 3 Gal MRc
.7	162.15	4 out of 5 using 2 double fragments	Fuc s1—— 2 Gal b1—— 3 Gal b1—— 3 Gal BAC

Fig Pa

Score	Missed Intensities	Grouping score	Structure
.65	266.98	4 out of 5 using 3 double fragments	Fue at — 2 Gal bi — 3 Gal Hic Fue at — 7 Gal Hic
.45	286.4	3 out of 5 using 3 double fragments	Fuc al i 6 Han al —— 6 Han bl —— 4 GlcMicbd.— 4 GlcMic 3 i al Fuc
<u>.</u> 4	278.51	2 out of 5	Fue at —— 2 Gal bi —— 2 Gal bi
.35	232.08	2 out of 5 with 1 double fragment counted	Fuc a1—3 GlcNRCbi Galai galbi Fucai
.35	232.08	2 out of 5 using 1 double fragment	Fue a1 — 3 GlcMAc _{b1} Gal _{b1} 3 GalMAc Fue a1 — 3 GlcMAc _{b1} 6 GalMAc Fue a1 — 3 GlcMAc _{b1}

Fig 8b

Score	Missed Intensities	Grouping score	Structure
.35	235.24	2 out of 5 using 1 double fragment	Fuc at — 2 Galbi Sal
.35	235.57	2 out of 5 using 1 double fragment	Fuc at — Z Gal bi
.35	241.07	2 out of 5 using 1 double fragment	Fue at —— 2 Galles Galles Fue at —— 5 Galles Gal
.35	255.57	2 out of 5 using 1 double fragment	Fue at — 2 Galbi

Fig. 8c

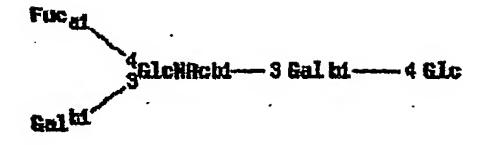


Figure 9

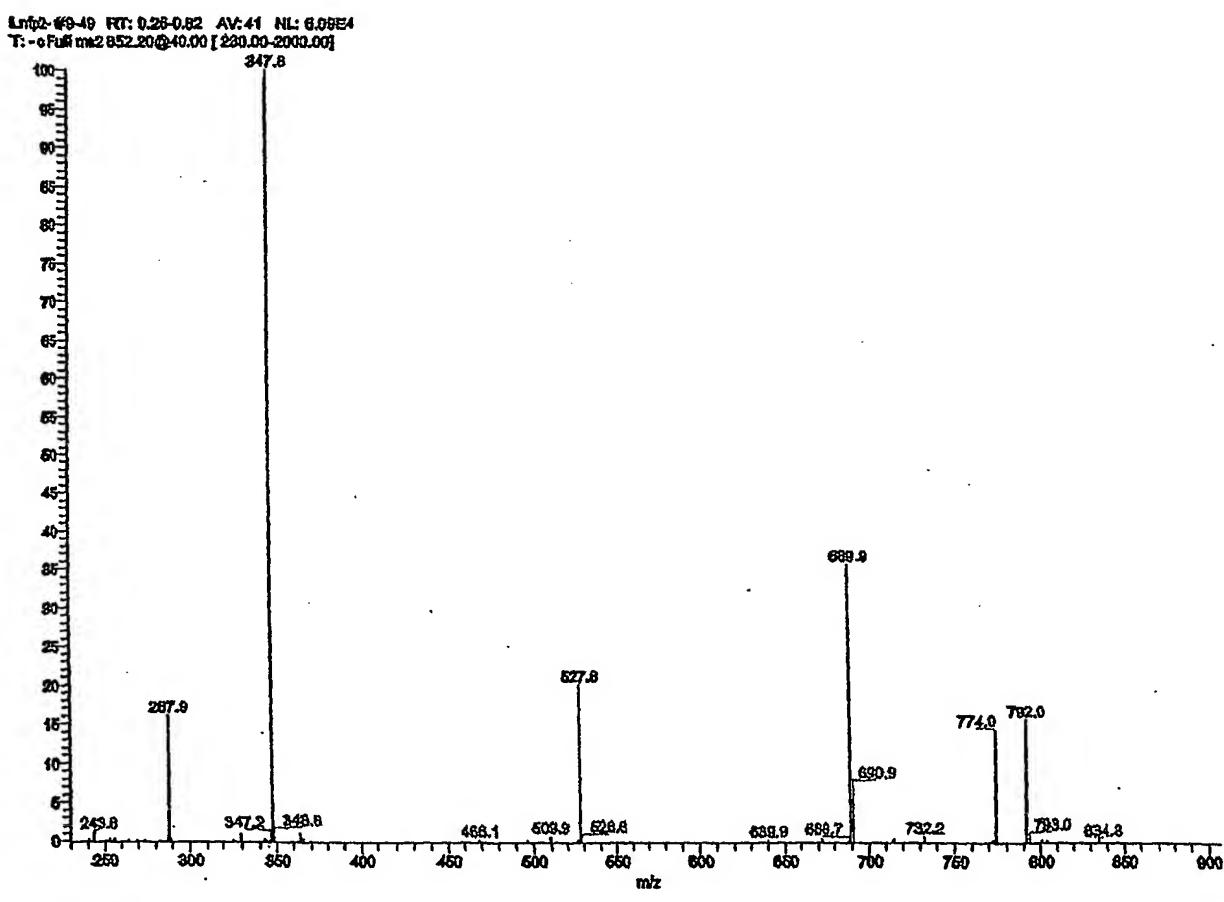


Figure : 10

Score	Missed intensities	Grouping score	Structure
1	29.91	4 out of 4	Fuc _{di} GelckRebi 3 Gal bi 4 Gle
1 .	131.43	4 out of 4	Fuc a1 2 Gal b1 4 GlcMRcb1 3 Gal b1 4 Glc
1	131.43	4 out of 4	Fue al—— 2 Gal bi—— 3 Glettiicbi—— 3 Gal bi—— 4 Gle
1	131.43	4 out of 4	Fuc a1——2 Gal b1——3 GlcHAcb1——3 Gal b1——4 Glc
.9375	124.3	4 out of 4 using 1 double fragment	Gal bi—2 Gal ai 2 Gal bi—3 GalNAc Fuc ai
.75	124.87	3 out of 4	Gal bi — JGal bi — 3 GalNRc Fuc ^{ai}
.375	190.01	2 out of 4 using 2 double fragments	Galhachi-4 Glcabi3 Galbi4 Xyl

Fig 11,

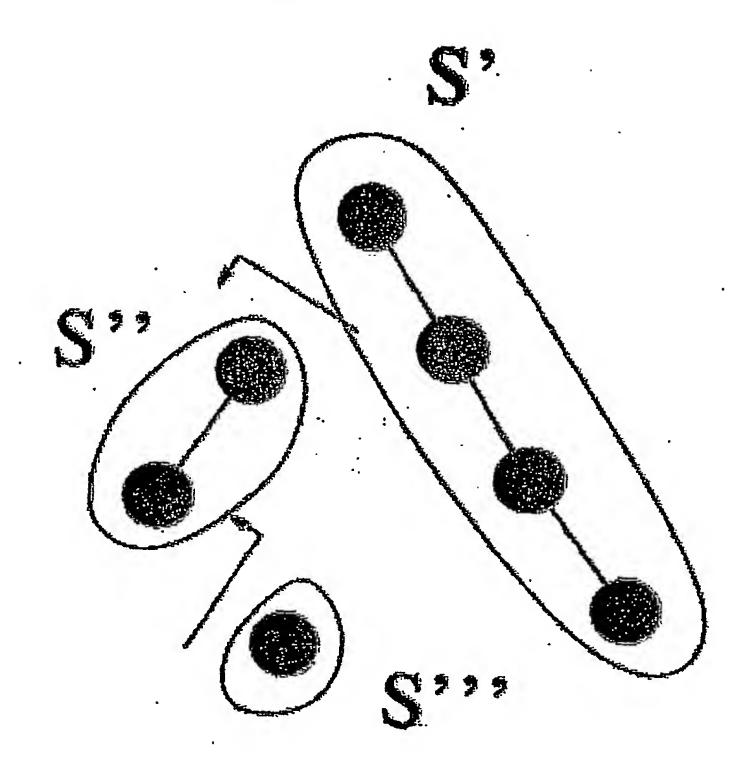
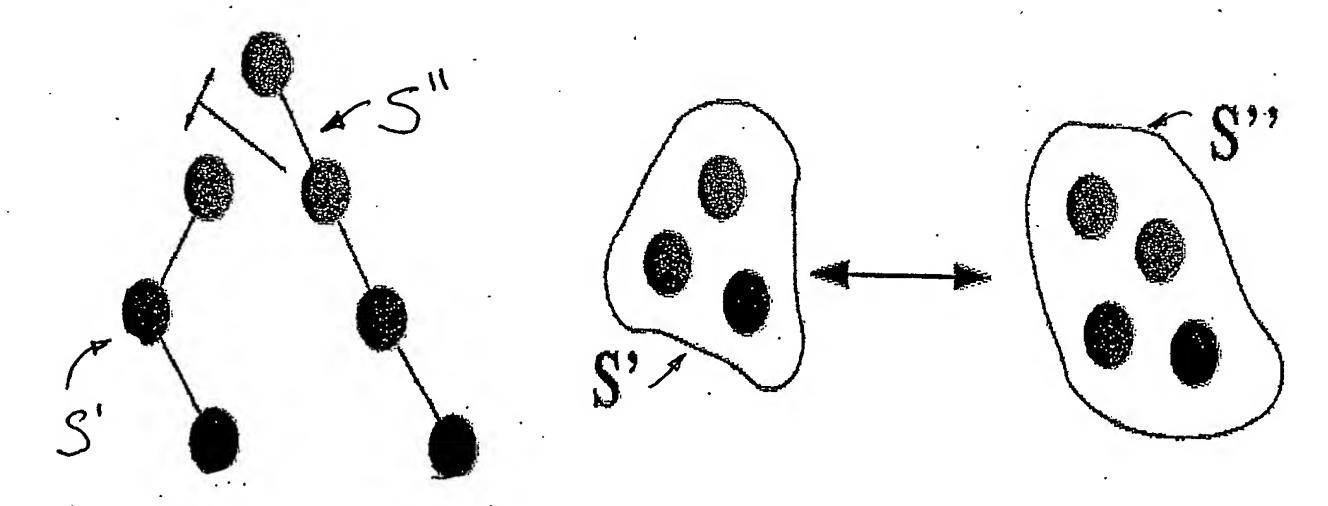


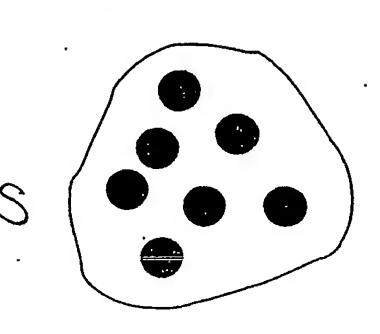
Fig. 13



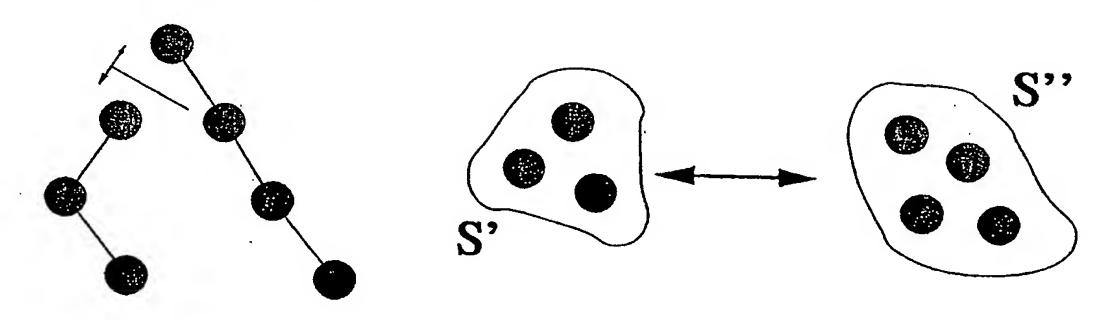
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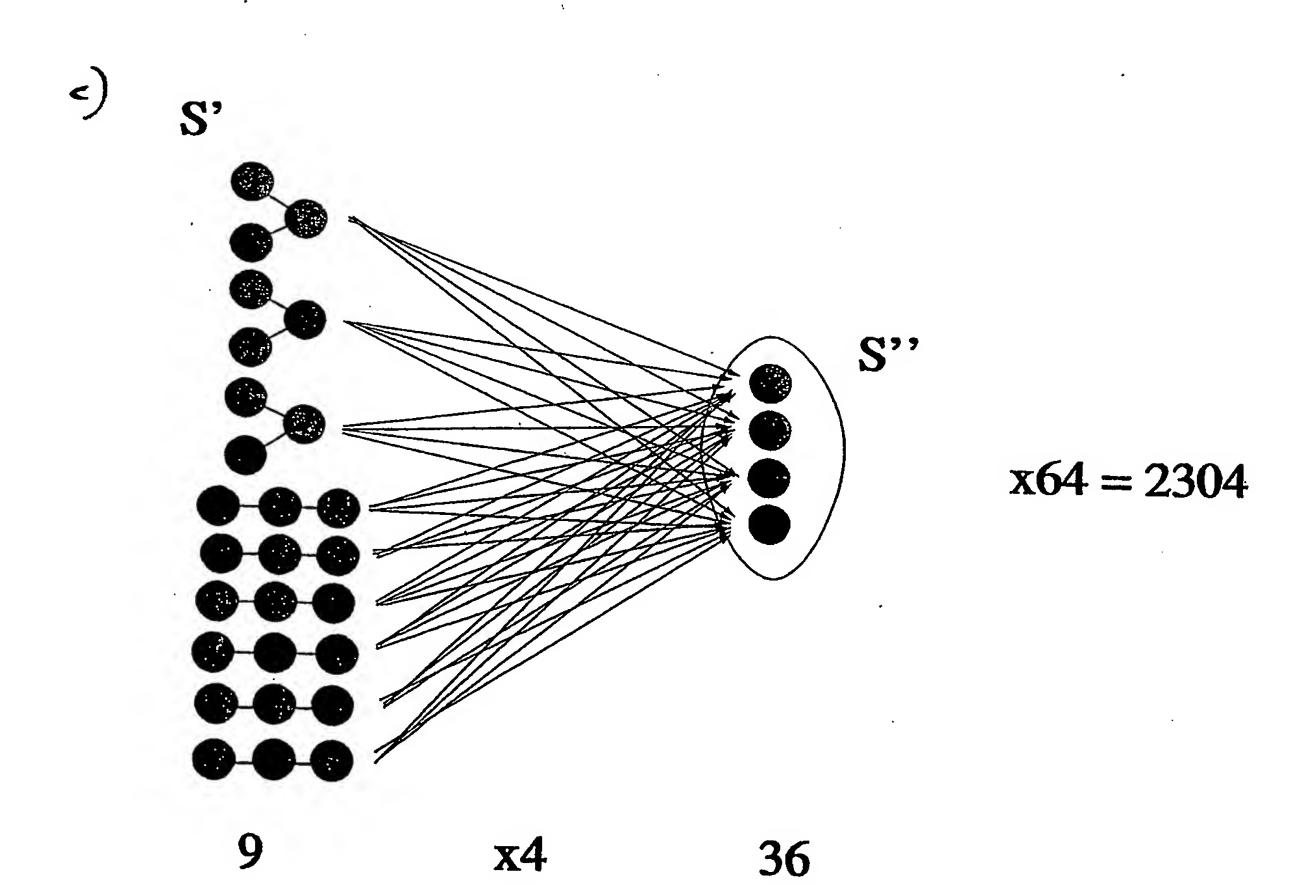
Fig. 14

No evidence



Single fragmentation





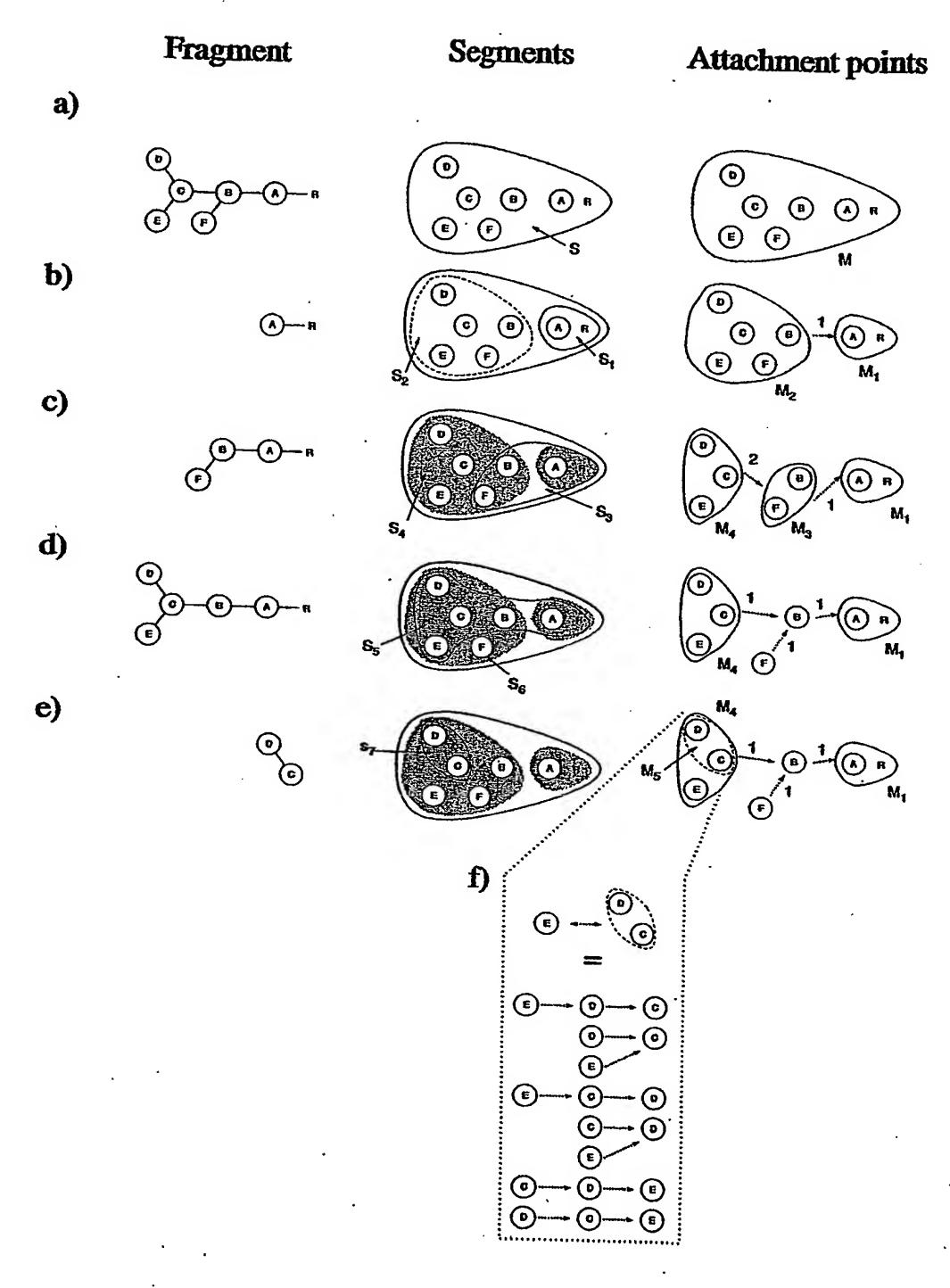


Fig 15

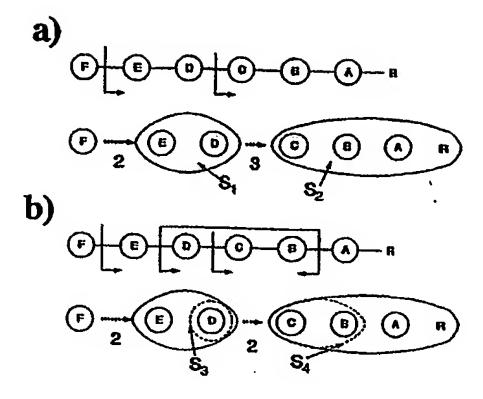


Fig. 16